

U.S. Patent Application Serial No. 09/417,705
Amendment filed November 10, 2005
Reply to OA dated August 11, 2005

CLAIMS CURRENTLY PENDING:

Listing of Claims:

Claims 1-15 (Canceled).

1 Claim 16 (previously presented): A digital camera, comprising:
2 an imaging device having an imaging surface which generates an image signal corresponding
3 to an optical image of an objective scene;
4 a processor for subjecting the image signal generated by said imaging surface to signal
5 processes including a thinning process so as to create processed image data at a rate of one screen
6 per a first time period;
7 a memory having a single input/output port;
8 a writer for writing to said memory the processed image data output from said processor;
9 a reader for reading the processed image data stored in said memory at a rate of one screen
10 per a second time period which is shorter than the first time period;
11 a displayer for displaying an image based on the processed image data read out by said
12 reader;
13 a first instructor for instructing said processor to suspend the thinning process at a time of
14 accepting a recording operation; and
15 a recorder for recording to a record medium the processed image data stored in said

memory in response to the recording operation.

Claim 17 (previously presented): A digital camera according to claim 16, wherein said memory is an SDRAM, and said writer includes a buffer for holding the processed image data output from said processor, and a transferor for transferring to said memory the processed image data held by said buffer.

Claim 18 (previously presented): A digital camera according to claim 16, wherein said memory has a plurality of memory areas, said digital camera further comprises a changer for changing a selecting of a memory area at an interval of the first time period, and wherein said writer writes the processed image data to one of said plurality of memory areas based on a changing result of said changer, and said reader reads the processed image data from another of said plurality of memory areas based on the changing result of said changer.

Claim 19 (previously presented): A digital camera according to claim 18, wherein said changer changes the selecting of the memory area in a predetermined order.

Claim 20 (previously presented): A digital camera according to claim 18, wherein the number of the memory areas is two, and the second time period is $\frac{1}{2}$ of the first time period.

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1 Claim 21 (previously presented): A digital camera according to claim 16, wherein the
2 second time period is one over an integer of the first time period.

1 Claim 22 (previously presented): A digital camera according to claim 16, wherein said
2 recorder records to said record medium the processed image data in a compressed state.

1 Claim 23 (previously presented): A digital camera according to claim 16, further comprising
2 a second instructor for instructing said reader to suspend a reading process in association with an
3 instructing process of said first instructor.

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